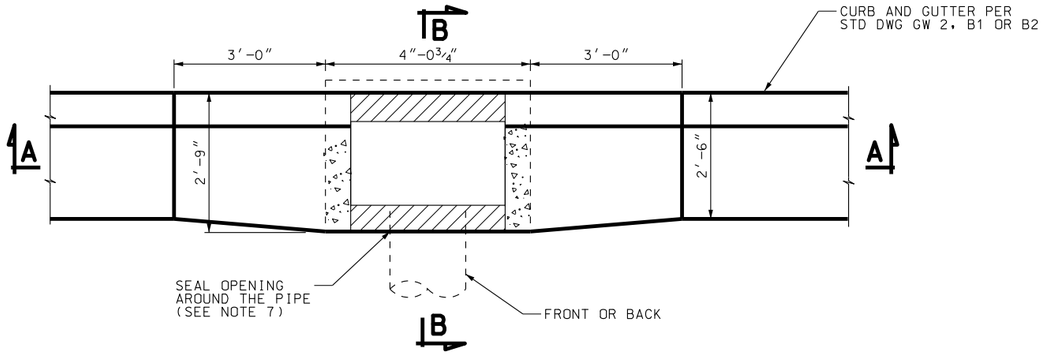
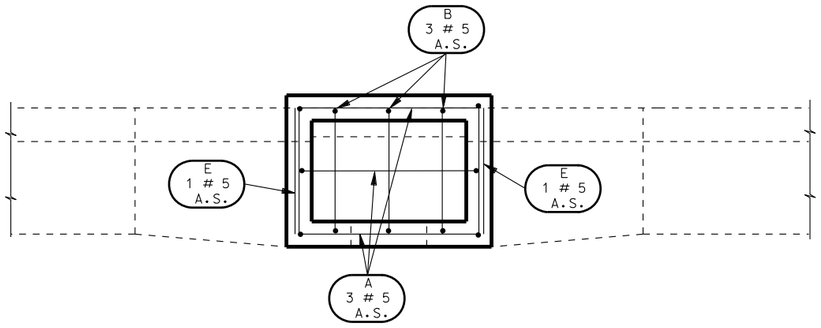
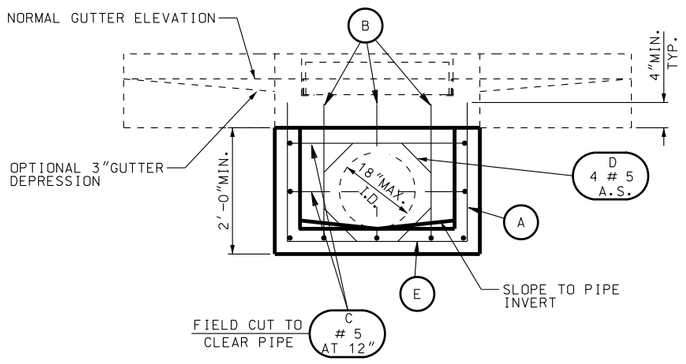


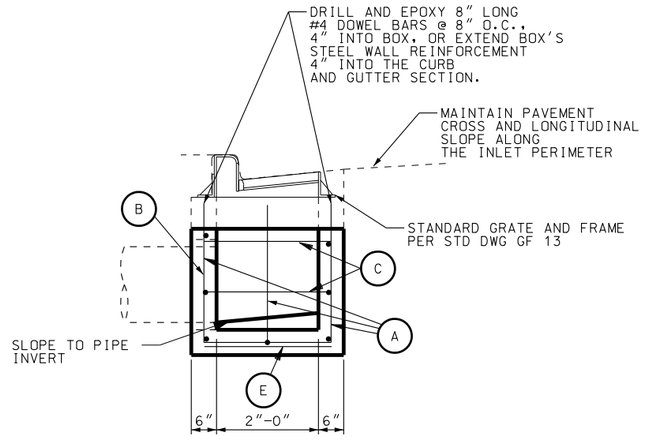
PLAN VIEW



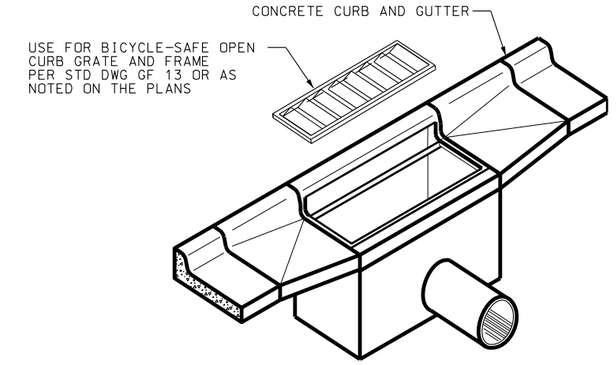
PLAN SECTION



SECTION A–A



SECTION B–B



ISOMETRIC VIEW

NOTES:

1. USE COATED DEFORMED REINFORCING STEEL BARS CONFORMING TO AASHTO M 284 OR M 111 AND M 31 GRADE 60 RESPECTIVELY.
2. FIELD CUT AND BEND REINFORCING STEEL AS NECESSARY TO CLEAR PIPES AND MAINTAIN 2″ COVER. REPAIR ANY DAMAGE OR CUTS TO THE EPOXY COATING ON REINFORCING BARS.
3. USE CLASS AA (AE) CONCRETE.
4. USE TYPE II CEMENT (LOW ALKALI).
5. PROVIDE 2″ CONCRETE COVER TO REINFORCING STEEL.
6. FOR NUMBER, LOCATION, AND SIZE OF PIPE SEE ROADWAY PLANS.
7. PROVIDE ¾″ CHAMFER ON ALL EXPOSED CONCRETE CORNERS.
8. FOR GRATE AND FRAME SEE STD DWG GF 13.
9. CENTER PIPE IN BOX OPENING. USE APPROVED NON-SHRINK GROUT TO SEAL OPENING AROUND PIPE OR USE APPROVED PIPE MANUFACTURER'S PIPE BOOT.
10. SIZE BOX HEIGHT TO MEET MINIMUM COVER FOR PIPE USED. SEE STD DWG DG 4.

DESIGN DATA

HS 20 STANDARD SPECIFICATION FOR HIGHWAY BRIDGES 17TH EDITION.

STRUCTURAL STEEL Fy = 36,000 psi

STRUCTURAL CONCRETE f′c = 4,000 psi
Fy = 60,000 psi
n = 8

REINFORCING STEEL LAYOUT

PROVIDE 2″ MIN. COVER TO ALL BARS

BAR A	BAR B	BAR C	BAR D	BAR E
		8″		

REVISIONS

NO.	DATE	APPR.	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL — JAN.01.2008 DATE
DEPUTY DIRECTOR

CHAIRMAN STANDARDS COMMITTEE
APPROVED — JAN.01.2008 DATE

OPEN CURB SHALLOW CATCH BASIN

STD DWG
CB 4

DGN File:L:\Standard_Drawings\Imperial\2008Approved\Catch Basins and Cleanouts (CB)\CB04.dgn
18-DEC-2007